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19

## Lloyd's Register of Shipping.

(Report on Machinery, No. 5984

Port

Copenhagen.

No. 4013.

## ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs. Burmeister & Wain of Copenhagen for the Engines No. 314 <sup>596</sup> ~~314~~ <sup>597</sup> being constructed by Messrs. Burmeister & Wain of Copenhagen for the Ship No. 314 <sup>17</sup>, being built by Messrs. Burmeister & Wain of Copenhagen Engin & Jones. Co. have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects.

One solid forged crank shaft with 2 cranks for auxiliary eng.

Mark on Forgings or Castings.

Lloyd's R  
No. 5535.  
10.18. C.K.

Copenhagen, 12<sup>th</sup> Octbr. 1918.

St. H. Hoff.  
SURVEYOR TO LLOYD'S  
REGISTER OF SHIPPING

|                                | CRANK SHAFT.                     | STRAIGHT SHAFTING. |                      |                  |
|--------------------------------|----------------------------------|--------------------|----------------------|------------------|
|                                |                                  | THRUST SHAFT.      | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material* ...                  | <u>Annalised S. M. 2. Steel.</u> | /                  |                      |                  |
| How made...                    | <u>Hydraulic forged.</u>         |                    |                      |                  |
| Dimensions...                  | <u>Diam. 6 3/4"</u>              |                    |                      |                  |
| Progress on Inspection }       | <u>Forged &amp; finished.</u>    |                    |                      |                  |
| Tests on Standard Test Pieces. |                                  |                    |                      |                  |
| Tensile Test—                  | <u>29.5</u>                      |                    |                      |                  |
| Tons per square inch ..        | <u>37.6</u>                      |                    |                      |                  |
| Extension per cent 2"          | <u>good.</u>                     |                    |                      |                  |
| Cold Bending Test—             |                                  |                    |                      |                  |
| Angle before fracture ..       | <u>13/5, 7/6, 9/10. 18</u>       |                    |                      |                  |
| Dates when Inspected           |                                  |                    |                      |                  |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ ✓  
To be paid at ✓

\* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.